

**Amendments to the Claims:**

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A multifunctional device that processes electronic data, comprising:
  - a processor that processes the electronic data;
  - a memory that stores the electronic data;
  - an alteration circuit that alters the structure of the stored electronic data; and
  - a controller that controls the alteration circuit to perform at least some required alterations of the electronic data, determines whether the stored electronic data is awaiting further required action unable to be performed at that time following at least some of the performed required alterations, determines if the stored electronic data will be waiting for a sufficient period of time, idle time exists after the electronic data is stored in the memory, and controls the alteration circuit to perform optional alterations of alter the stored electronic data when the controller determines that the sufficient period of idle time exists.
2. (Original) The multifunctional device of claim 1, further comprising:
  - an input terminal that inputs data into the multifunctional device; and
  - an output terminal that outputs the electronic data from the multifunctional device.
3. (Currently Amended) The multifunctional device of claim 1, the sufficient period of idle time being a duration of time that the electronic data remains in the memory without being processed, and the controller using a predetermined value to determine whether the sufficient period of idle time exists when the electronic data is stored in the memory.
4. (Currently Amended) The multifunctional device of claim 3, the predetermined value being preset by a user, and the controller using the predetermined value

to control the alteration circuit to automatically alter the electronic data when it determines that the sufficient period of idle time exists.

5. (Original) The multifunctional device of claim 1, the processor including a second processor that is controlled by the controller to process the electronic data prior to the electronic data being stored in the memory, the processing including the alteration circuit altering the electronic data by compressing the electronic data.

6. (Original) The multifunctional device of claim 1, the processor including a third processor that is controlled by the controller to process the electronic data after the electronic data has been requested by an output terminal but prior to the electronic data being transmitted to the output terminal, the processing including the alteration circuit altering the electronic data.

7. (Original) The multifunctional device of claim 5, the controller including a second controller that controls the second processor and the alteration circuit to alter to electronic data.

8. (Original) The multifunctional device of claim 6, the controller including a third controller that controls the third processor and the alteration circuit to alter to electronic data.

9. (Currently Amended) The multifunctional device of claim 5, the alteration circuit including a compression circuit that recompresses the electronic data during the sufficient period of idle time and after the electronic data has been stored in the memory.

10. (Original) The multifunctional device of claim 1, the alteration circuit including a circuit that alters one of at least sharpness, contrast, color and exposure of the electronic data.

11. (Original) The multifunctional device of claim 1, the alteration circuit operations are non-destructive and provide additional value and capability beyond the basic user requirements for a specified operation.

12. (Original) The multifunctional device of claim 10, the alteration circuit including a circuit that extracts metadata from the electronic data.

13. (Currently Amended) A method of processing electronic data, comprising:  
processing the electronic data with required processes;  
storing the electronic data; and  
controlling the stored electronic data, following at least some of the required processes, by determining whether the stored electronic data is awaiting further required processes unable to be performed at that time following the performed required processes, determining if the stored electronic data will be waiting for a sufficient period of time between the required processes; and sufficient idle time exists after the electronic data is stored; and  
altering the stored electronic data after determining that the stored electronic data will be waiting for the sufficient period of time. idle time exists.

14. (Original) The method of processing electronic data of claim 13, further comprising:

inputting an image that is converted into the electronic data; and  
outputting the electronic data to an output terminal.

15. (Currently Amended) The method of processing electronic data of claim 13, further comprising:

determining whether the sufficient period of idle time exists using a predetermined value when the electronic data is stored, the sufficient period of idle time being a duration of time that the electronic data is stored without being processed.

16. (Currently Amended) The method of processing electronic data of claim 15, further comprising:

presetting the predetermined value, and using the predetermined value to automatically control the altering of the electronic data after it is determined that the sufficient period of idle time exists.

17. (Original) The method of processing electronic data of claim 15, further comprising:

controlling the electronic data to be processed prior to the electronic data being stored in the memory, the processing including the altering of the electronic data by compressing the electronic data.

18. (Original) The method of processing electronic data of claim 13, further comprising:

controlling the electronic data to be processed after the electronic data has been requested by an output terminal, but prior to the electronic data being transmitted to the output terminal, the processing including the altering of the electronic data.

19. (Original) The method of processing electronic data of claim 13, further comprising:

altering the electronic data to include a change in one of at least sharpness, contrast, color and exposure of the electronic data.

20. (Original) The method of processing electronic data of claim 13, further comprising:

extracting metadata from the electronic data.

21. (Currently Amended) The method of processing electronic data of claim 13, further comprising:

altering the electronic data during the sufficient period of idle time to include one of at least reformatting the electronic data into a summary page and recompressing the electronic data after the electronic data is stored.

22. (Currently Amended) A method of using a multifunctional device that includes a processor, a memory, a controller and an altering device, comprising:

processing electronic data with required processes withusing the processor;

storing the electronic data in the memory; and

controlling the stored electronic data, following at least some of the required processes, using the controller to determine whether the stored electronic data is awaiting further required processes unable to be performed at that time following the performed required processes, determining if the stored electronic data will be waiting for a predetermined sufficient period of time between the required processes; a predetermined amount of idle time exists after the electronic data is stored; and

altering the stored electronic data when it is determined that the stored electronic data will be waiting for the predetermined sufficient period of time. predetermined amount of idle time exists.